

$$\exists \tilde{\varphi}_f : H^k(C_*(\tau, P); G) \rightarrow H^k(N; G)$$

$\exists$  cobordism invariance

Problem.  $\exists?$  cob. invariant

obtained by  $C_*(\tau, P)$  and

not obtained by  $C^*(\tau, P)$  or

$CO^*(\tau, P)$  ? (Hidden Sing. Fiber)

(Analogy of Kazarian's  
construction)